



New Program Report

Date Submitted:

01/12/2024

Institution

Columbia College

Site Information

Implementation Date:

8/26/2024 12:00:00 AM

Added Site(s):

Selected Site(s):

Columbia College, 1001 Rogers, Columbia, MO, 65216

CIP Information

CIP Code:

110401

CIP Description:

A program that focuses on the theory, organization, and process of information collection, transmission, and utilization in traditional and electronic forms. Includes instruction in information classification and organization; information storage and processing; transmission, transfer, and signaling; communications and networking; systems planning and design; human interfacing and use analysis; database development; information policy analysis; and related aspects of hardware, software, economics, social factors, and capacity.

CIP Program Title:

Information Science/Studies

Institution Program Title:

Master of Science in Management Information Systems

Degree Level/Type

Degree Level:

Master Degree

Degree Type:

Master of Science

Options Added:

Collaborative Program:

N

Mode of Delivery

Current Mode of Delivery

Online

Student Preparation



New Program Report

Special Admissions Procedure or Student Qualifications required:

To be admitted into the program, all of the following three requirements must be met: 1. Completion of at least one undergraduate computer programming course or having one year of professional experience as a programmer is mandatory. If an applicant does not meet this requirement, they are recommended to take CISS201. 2. Completion of at least one undergraduate course in relational databases or having one year of professional experience as a database administrator is mandatory. If an applicant does not meet this requirement, they are recommended to take CISS202. 3. Completion of at least one undergraduate course in information technology, such as operating systems or networking, or having one year of professional experience in IT (e.g., as a helpdesk technician, network administrator, IS/IT security professional, or IS/IT project manager) is mandatory. If an applicant does not meet this requirement, they are recommended to take CISS301. Note: Professional experience using end-user applications does not fulfill these requirements.

Specific Population Characteristics to be served:

n/a

Faculty Characteristics

Special Requirements for Assignment of Teaching for this Degree/Certificate:

Columbia College adheres to the credential requirements set forth by HLC for all faculty member. Columbia College requires instructors to have at least a Master's degree from a regionally accredited institution in the subject to be taught, with relevant coursework and/ or professional experience directly related to the course.

In exceptional circumstances, special certification or extraordinary work experience may compensate the absence of certain academic credentials.

Estimate Percentage of Credit Hours that will be assigned to full time faculty:

Full-time faculty teach 12 credit hours or less in a given session. Adjunct faculty can teach no more than 9 credit hours in a given session, and no more than 6 in-seat credit hours a session.

Expectations for professional activities, special student contact, teaching/learning innovation:

Full-time faculty members are required to have 3 hours a week of office hours designated for their students. Full-time faculty members are required to participate in professional development. Adjunct faculty members are required to provide contact information to students.

Student Enrollment Projections Year One-Five

Year 1	Full Time: 3	Part Time: 5	
Year 2	Full Time: 3	Part Time: 5	
Year 3	Full Time: 4	Part Time: 8	Number of Graduates: 8
Year 4	Full Time: 5	Part Time: 10	
Year 5	Full Time: 8	Part Time: 15	Number of Graduates: 15



DEPARTMENT OF
HIGHER EDUCATION &
WORKFORCE DEVELOPMENT

New Program Report

Percentage Statement:

n/a

Program Accreditation

Institutional Plans for Accreditation:

N/A

Program Structure

Total Credits:

30

Residency Requirements:

n/a

General Education Total Credits:

42

Major Requirements Total Credits:

30

Course(s) Added

COURSE NUMBER	CREDITS	COURSE TITLE
CISS 504	3	Agile Development, Operations, and C++
CISS 507	3	Business Information Security and Governance
CISS 510	3	Business Intelligence and Data Analytics
CISS 506	3	Database Management and SQL
CISS 591	3	Capstone Project
CISS 502	3	Business Cloud Computing
CISS 590	3	Capstone Project Proposal
CISS 500	3	Technical communication and Python

Free Elective Credits:

9

Internship or other Capstone Experience:

N/A

Assurances

I certify that the program will not unnecessarily duplicate an existing program of another Missouri institution in accordance with 6 CSR 10-4.010, subsection (9)(C) Submission of Academic Information, Data and New Programs.

I certify that the program will build upon existing programs and faculty expertise.

I certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful. Institutions' decision to implement a program shall be based upon demand and/or need for the program in terms of meeting present and future needs of the locale, state, and nation based upon societal needs, and/or student needs.

Contact Information



New Program Report

First and Last Name: DUSTI
SCHNEDLER

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Management Information Systems, M.S.

Program Requirements

Degree requirements include common core courses and integrate foundation courses for a minimum of 30 semester hours.

Required Graduate Courses (21 sem. hrs)

- CISS 500 Technical communication and Python
- CISS 502 Business Cloud Computing
- CISS 504 Agile Development, Operations, and C++
- CISS 506 Database Management and SQL
- CISS 507 Business Information Security and Governance
- CISS 510 Business Intelligence and Data Analytics
- CISS 590 Capstone Project Proposal
- CISS 591 Capstone Project

Elective Graduate Courses (9 sem. hrs)

Choose three electives from the list below.

- CISS 560 Marketing Analytics
- CISS 570 Cybersecurity for Business Professionals
- CISS 575 Project Management Fundamentals
- CISS 580 Data Communication and Networking

Total Semester Hours: 30